

GenCore version 5.1.6  
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OM nucleic - nucleic search, using sw model

Run on: July 15, 2003, 06:15:49 ; Search time 487 Seconds  
(without alignments)

4863.435 Million cell updates/sec

Title: US-09-043-944-5

Perfect score: 1500

Sequence: 1 gtttaattaccacagtttga.....taaaaaaaaaaaaaaaaaaaaaa 1500

Scoring table: IDENTITY\_NUC

Gapop 10.0 , Gapext 1.0

Searched: 1105431 seqs, 789497651 residues

Total number of hits satisfying chosen parameters: 2210862

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 75 summaries

Database :

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

#### SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	248.2	16.5	1392	10	US-09-895-035-13
2	248.2	16.5	1404	10	US-09-754-949-3
3	248.2	16.5	2765	9	US-10-221-254-5
4	248.2	16.5	2765	10	US-09-785-474-1
5	248.2	16.5	2765	10	US-09-785-474-27
6	246.6	16.4	2765	10	US-09-785-474-29
7	246.6	16.4	2765	10	US-09-785-474-31
8	245	16.3	2765	10	US-09-785-474-3
9	224.2	14.9	1346	10	US-09-754-949-5
10	224.2	14.9	2236	9	US-10-221-254-7
11	224.2	14.9	2285	10	US-09-878-454A-25
12	87.6	5.8	469	10	US-09-895-035-6
13	87.6	5.8	816	10	US-09-895-035-2
14	83.2	5.5	562	9	US-09-918-995-28131
15	80.6	5.4	493	10	US-09-895-035-3
16	73.8	4.9	1362	9	US-09-938-842A-1045
17	72.4	4.8	356	10	US-09-895-035-5
18	69.8	4.7	121	9	US-09-818-875-4220
19	69.8	4.7	121	9	US-09-818-875-4221

#### ALIGNMENTS

RESULT 1

US-09-895-035-13

; Sequence 13, Application US/09895035

; Patent No. US20020082211A1

; GENERAL INFORMATION:

; APPLICANT: Patterson, Chandra

; APPLICANT: Murry, Lynn E.

; APPLICANT: Kaser, Matthew R.

; TITLE OF INVENTION: HUMAN PRESENILIN VARIANT

; FILE REFERENCE: PC-0047 CIP

; CURRENT APPLICATION NUMBER: US/09/895,035

; CURRENT FILING DATE: 2001-06-29

Sequence 4224, Ap  
Sequence 4225, Ap  
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Sequence 4213, Ap  
Sequence 4216, Ap  
Sequence 4217, Ap  
Sequence 8, Appli  
Sequence 4, Appli  
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Sequence 4208, Ap  
Sequence 4209, Ap  
Sequence 4332, Ap  
Sequence 4333, Ap  
Sequence 4334, Ap  
Sequence 454, App  
Sequence 4228, Ap  
Sequence 4229, Ap  
Sequence 9335, A  
Sequence 21602, A  
Sequence 4582, Ap  
Sequence 8434, Ap  
Sequence 11218, A  
Sequence 10, Appl  
Sequence 160, Appl  
Sequence 1369, Ap  
Sequence 4232, Ap  
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; PRIOR APPLICATION NUMBER: 09/116,640
; PRIOR FILING DATE: 1998-07-16
; NUMBER OF SEQ ID NOS: 14
; SOFTWARE: PERL Program
; SEQ ID NO 13
; LENGTH: 1392
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc_feature
; OTHER INFORMATION: Incyte ID No. US-
US-09-895-035-13

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Query Match	16.5%	Score 248.2;	DB 10;	Length 1392;
Best local Similarity	54.6%;	Pred. No. 1.5e-52;		
Matches 666; Conservative	0;	Mismatches 513;	Indels 40;	Gaps 7;

  

QY	119	AAGACGAAAATGTGGGAAGAAGCGGAGCTGAAATACGAGCATCTCAGTTTTCATC	178
Db	182	AAGATGAGGAAGATGAGGAGCTGACATTGAAATATGGCCCAAGCATGTGATCATGC	241
QY	179	TATTTGGCCGGTGTCACHTATGATCGCTCTGGTTGTTTTAGGATGAACACGATTACGT	238
Db	242	TC TTGTGCCGTGACTCTCTGCA TG GTGTG TCGTGCCTACCATTAAGTCAGTCAGCT	301
QY	239	TTTATAGTCAAAACAATGAAGAGCAATTACTATCACATCCTTTTGTCCGGGAACAGACA	298
Db	302	TTTATACCCGGAAGGATG---GGCAGCTAATCTATACCCCAATTCACAGAAGATACCAGAGA	358
QY	299	GTATCGTTGAGAAGGATTGATGTCACCTTGGAAATGCTCTGTCATGTTGTGCGTGGTCG	358
Db	359	CTGTGGCCCAAGAGAGCCCTGCAC TCAATCTGAATGCTGCCATCATGATCAGTGT CATTG	418
QY	359	TTCTGATGACAGTTCGCTGATTTGTTTCTATAAATACAAGTTTATAAGCTTATTCATG	418
Db	419	TTGTCA GACTATCCCTCTGGTGGTTCTGTATAAATACAGGTGCTATAAGGTCATCCATG	478
QY	419	GATGCGTTAATGTFCAGCAGTTTCTTCTTCTTTCTTCTATTTCTACTACAATCTATGTCGAAG	478
Db	479	CCTGGCTTATATATCATCTCTATTGCTGCTGTTCTTTTTCATTCATTACTTACTGGGG	538
QY	479	AAGTTCTGAAAAGTTCGATGTGCTCCAGCGCACTATGGTTTGTGTTGGACTGGGTA	538
Db	539	AAGTGTTTAAACCTATAACGTTGTGTGGACTACATTA CTGTGCAC TCTGATCTGGA	598
QY	539	ACTATGGAGTCTCGGAATGATGTGTATACATTGGAAGGTCCATTGGCTCTGCAACACT	598
Db	599	ATTTTGGTGTGTGGGAATGATTTCCATTCAC TGGNAAGTCCACTTCGACTCCAGCAGG	658
QY	599	TC TACCTTATTA CAATGTC TCACHTAATGGCTCTGGTCTTTTATCAAGTACCTACCAGAT	658
Db	659	CATATCTCATTTATGATTAAGTGCCTCATGGCCCTGTTTATCAAGTACCTCCCCTGAAT	718
QY	659	GGACGTGTGTGGTTTGTGCTGTTTGTATTCTCGTTTGGGATCTGGTGCCTGCTCACAC	718
Db	719	GGACTGCGTGCCTCATCTGGCTGTGATTCAGTATATGATTAAGTGGCTGTTTGTGTCT	778
QY	719	CAAAGGACCAATGAGATATTTGTTGGAAC TGCACAGGAGAGAACAGAGCAATTTTCC	778
Db	779	CGAAAGTCCACTCGTATGCTGTTGAAACAGCCAGGAGAGAAATGAAACGCTTTTTC	838
QY	779	CGGCGCTGATTTATTTCTGCTGGAGTCATCTATCCCTAGCTTCTGTTTACTCGAGTTGAAA	838
Db	839	CAGCTCTCATTTACTCTCAACAAT-----GGTGTGGTGGTGGTGAATATGGCA	885
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Db	886	GAAGGAGA-----CCCCGAAGCTCA AAGGAGAGTATCCAAAAATCCAAGTATATGCGAG	940
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RESULT 2
US-09-754-949-3
; Sequence 3, Application US/09754949
; Patent No. US20020015939A1
; GENERAL INFORMATION:
; APPLICANT: MCCARTHY, JUSTIN
; APPLICANT: CORDELL, BARBARA
; TITLE OF INVENTION: METHODS FOR IDENTIFYING
;                               INHIBITORS OF
;                               CELLULAR DEGENERATION
; TITLE OF INVENTION: NEURONAL DEGENERATION
; FILE REFERENCE: SCIOS.012A
; CURRENT APPLICATION NUMBER: US/09/754,949
; CURRENT FILING DATE: 2001-01-04
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: FastSeq for Windows version 4.0
; SEQ ID NO 3
; LENGTH: 1404
; TYPE: DNA
; ORGANISM: Homo Sapien
US-09-754-949-3

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Query Match	16.5%	Score 248.2	DB 10	Length 1404	
Best Local Similarity	54.6%	pred. No. 1.5e-52			
Matches	666	Conservative 0	Mismatches 513	Indels 40	Gaps 7
QY	119	AAAGACGAAATGTTGCGAAGACGGGAGCTGAAATACGGAGCATCTCACGTTATTTCATC	178		
Db					
QY	194	AAAGATGAGGAAGAAGATGAGGAGTGACATTGAAATATGGCGCAAGCATGTGATCATGC	253		
Db					
QY	179	TATTTGTGCCGGTCTCACTATGCATGCTCTGGTGTGTTTTACCATGAACAGATTACGT	238		
Db					
QY	254	TCCTTTGCCCTGTGACTCTCTGCTAGTGTGGTCTGGCTACCATTAAGTCAGTCAGCT	313		
Db					
QY	239	TTTATAGTCAAAACAATGGAAGGCATTACTATCACATCTCTTTTGTCCGGGAAACACACA	298		
Db					
QY	314	TTTATACCCGGAAGGATG --- GGCAGCTAATCTATACCCCATTCACAGAAGATACCGAGA	370		
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QY	299	GTATCGCTTGAGAAGGATTGATCTCACTTGGAAATGCTCTCGTCATGTTGTGCGTGGTCG	358		
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QY	371	CTGTGGCCAGAGAGCCCTGCACCTCAATTCTGAAATGCTGCCCATCATCATGTCATCTG	430		
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QY	359	TTCTGATGACACTTCGTCGTGATTGTTTCTATAAAATCAAGATTTTATAAGCTTTATTCATG	418		
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QY	431	TTGTCTAGACTATCCCTCGGTGGTTCGTGTATAAATCAGAGTGTATTAAGGTCATTCATG	490		
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Db 1259 TGAGGAATGGAGCCAGAGGACAGATCACTAGGGCTCTATCGCTCTACACCTGAGTC 1318  
QY 1019 AACGGAGCTAGCTGCTGAGAGACCAACTGTACAGAGCGCAATTTTTCACAGGACAGAG 1078  
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QY 1079 AGGAAGACAGAGGCTGGAACCTGCTGGCGGAGCTTCATTTCTACCTCTCTCTCCCTCG 1138  
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QY 1139 GCAAGGCTT-----CATCGTACTTGTACTGGAACAGACTATCGCTGTTTATGTGGCCA 1192  
Db 1429 GTAAAGCCTCAGCAACAGCCAGTGGAGACTGGAACACCAACCATAGCCCTGTTTCGTAGCCA 1488  
QY 1193 TTCTTATCGGCTCTGCTTACTCTTGTCTGCTGCTGCGGCTTCAACAGGACACTCCCGG 1252  
Db 1489 TATTAATGTTGCTGCTTACATTAATTAATTAATTAATTAATTAATTAATTAATTAATTA 1548  
QY 1253 CTCTG-CAATTTCTCGGAGCTCAATTTTACTTTTGTACCGCTGGATCATCA 1311  
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QY 1312 CCCCATTTGTTACACAAGT 1330  
Db 1609 AGCCTTTATGGCAAT 1627

## RESULT 4

US-09-785-474-1  
; Sequence 1, Application US/09785474  
; Patent No. US20010012626A1  
; GENERAL INFORMATION:  
; APPLICANT: TANZI, RUDOLPH  
; TITLE OF INVENTION: Genetic Alterations Related To Familial  
; Alzheimer's Disease  
; NUMBER OF SEQUENCES: 32  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.  
; STREET: 1100 NEW YORK AVENUE, SUITE 600  
; CITY: WASHINGTON  
; STATE: DC  
; COUNTRY: USA  
; ZIP: 20005-3934  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO).  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/785,474  
; FILING DATE: 20-Feb-2001  
; CLASSIFICATION: <Unknown>  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/706,344  
; FILING DATE: 30-AUG-1996  
; APPLICATION NUMBER: 60/003,054  
; FILING DATE: 31-AUG-1995  
; ATTORNEY/AGENT INFORMATION:  
; NAME: KIM, JUDITH U.  
; REGISTRATION NUMBER: 40,679  
; REFERENCE/DOCKET NUMBER: 0609.4180002  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 202-371-2600  
; TELEFAX: 202-371-2540  
; INFORMATION FOR SEQ ID NO: 1:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 2765 base pairs  
; TYPE: nucleic acid

; STRANDEDNESS: double  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA (genomic)  
; FEATURE:  
; NAME/KEY: CDS  
; LOCATION: 249..1649  
; SEQUENCE DESCRIPTION: SEQ ID NO: 1:  
US-09-785-474-1

Query Match 16.5%; Score 248.2; DB 10; Length 2765;  
Best Local Similarity 54.6%; Pred. No. 2.2e-52;  
Matches 666; Conservative 0; Mismatches 513; Indels 40; Gaps 7;  
QY 119 AAGCAGAAATGTTGTGAAGAAGCGGAGCTGAATAACGGAGCATCTCACGTTATTTCATC 178  
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QY 239 TTTATAGTCAAAAACAATGAAGGCAATTTACTATCACATCTCTTTTGTCCGGGAAACAGACA 298  
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QY 479 AAGTCTGAAAGTTTGGATGCTCTCCAGCCACTATTTGGTTTGTGTTGGTGGTGGTGGTGG 538  
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Db 859 ATTTGCTGTGGTGGGATGATTTCCATTCACCTGGAAGGTCCACTTCCGACTCCACAGG 918  
QY 599 TCTACCTTATTACAATGCTCTGCTCAATGCTCTGCTCTCTCTCTCTCTCTCTCTCTCTCTCT 658  
Db 919 CATATCTCATTTAGTATGCTCTGCTCTGCTCTGCTCTGCTCTGCTCTGCTCTGCTCTGCT 978  
QY 659 GGACTGTGCTGTTGCTGCTGTTGTTATCTCGGTTTGGGATCTGTTGCTGCTGCTGCTGCTGCT 718  
Db 979 GGACTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1038  
QY 719 CAAAAGGACCATTTGAGATATTTGGTGAAGTGCACAGAGAGAGAAACAGGACCAATTTTCC 778  
Db 1039 CGAAAGGTCCTCTGATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1098  
QY 779 CGGCTGCTGATTTTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 838  
Db 1099 CAGCTCTCATTTTACTCTCTCAACAAT-----GGTGGTGGTGGTGGTGGTGGTGGTGGTGG 1145  
QY 839 ACACGACAGACCCCGTGAACGGAGCTGCTGAGACTCAAAATCTTCTACAGCTTTTCTCTG 898  
Db 1146 GAAGGAGA-----CCCGAAGCTCAAGGAGAGTATCCAAAATTTCCAAAGATAATGAG 1200  
QY 899 GAGAGCGAGTGTGTTCTATCTGAAAGCCCAACGACCCCAAGGTGAACGAATTCCTCAAA 958  
Db 1201 AAGCAGACAGAAAGGAGTCT--ACAGACACTGTTGACAGAGATGATGATGGCGGTTCCAG 1258  
QY 959 AAGTGCAAATCGAATCTACTACAGCTTCAACGACACAAACACTCTCGAGTAAGGGTGG 1018  
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Db 1369 CAGAGGAAGGGAGCTAAACTTGGATTGGAGAGATTTCAITTTTACAGTGTCTCTGTTG 1428  
QY 1139 GCAAGGCTT-----CATCGTACTTGTGACTGGAACAGGACTATCGCTTGTATGAGCCA 1192  
Db 1429 GTAAAGCCTCAGCAACAGCCAGTGGAGACTGGAACACACACCATAGCCTGTTTCGTAGCCA 1488  
QY 1193 TCTTATGCTGCTCTGCTTCACTCTTGTCTCTGCTGCGCTTCAAAAGGAGCACTCCCGG 1252  
Db 1489 TATTAATGCTTGTGCTTACATTAATTAATTAATTAATTAATTAATTAATTAATTAATTA 1548  
QY 1253 CTCTG-CAAATTCATTTTCTCCGAGCTATTTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCT 1311  
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QY 1312 CCCCATTGTTTACACAAGT 1330  
Db 1609 AGCCTTTATGGACCAATT 1627

## RESULT 6

US-09-785-474-29

Sequence 29, Application US/09785474

Patent No. US20010012626A1

GENERAL INFORMATION:

APPLICANT: TANZI, RUDOLPH

WASCO, WILMA

TITLE OF INVENTION: Genetic Alterations Related To Familial

Alzheimer's Disease

NUMBER OF SEQUENCES: 32

CORRESPONDENCE ADDRESS:

ADDRESSEE: STERN, KESSLER, GOLDSTEIN &amp; FOX P.L.L.C.

STREET: 1100 NEW YORK AVENUE, SUITE 600

CITY: WASHINGTON

STATE: DC

COUNTRY: USA

ZIP: 20005-3934

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.30 (EPO)

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/785,474

FILING DATE: 20-Feb-2001

CLASSIFICATION: &lt;Unknown&gt;

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/706,344

FILING DATE: 30-AUG-1996

APPLICATION NUMBER: 60/003,054

FILING DATE: 31-AUG-1995

ATTORNEY/AGENT INFORMATION:

NAME: KIM, JUDITH U.

REGISTRATION NUMBER: 40,679

REFERENCE/DOCKET NUMBER: 0609.4180002

TELECOMMUNICATION INFORMATION:

TELEPHONE: 202-371-2600

TELEFAX: 202-371-2540

INFORMATION FOR SEQ ID NO: 29:

SEQUENCE CHARACTERISTICS:

LENGTH: 2765 base pairs

TYPE: nucleic acid

STRANDEDNESS: Double

TOPOLOGY: linear

MOLECULE TYPE: DNA (genomic)

FEATURE:

NAME/KEY: CDS

LOCATION: 249..1649

SEQUENCE DESCRIPTION: SEQ ID NO: 29:

Query Match

Best Local Similarity 54.6%; Score 246.6; DB 10; Length 2765;

Matches 665; Conservative 0; Mismatches 514; Indels 40; Gaps 7;

QY 119 AAGACGAAATGTTGTGAAGAGCGGAGCTGAATACGAGGAGCATCTCACGTTATTCAATC 178  
Db 442 AAGATGAGGAAGAAGATGAGGAGCTGACATTTGAAATATGCGGCCAAGCATGATCATGC 501  
QY 179 TATTTGTGCGGCTGCTCACTATGCTATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 238  
Db 502 TCTTTGTGCGGCTGCTCACTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 561  
QY 239 TTTTATGTCAAAACAATGGAAGGCAATTTACTATATACATCTCTCTCTCTCTCTCTCTCTCTCT 298  
Db 562 TTTTATACCGGAAGGATG---GGCAGCTAATCTATACCCCATTCACAGAATACCCGAGA 618  
QY 299 GTATCGTTGGAAGGAGGATGATGTCACCTTGGAAATGCTGCTGCTGCTGCTGCTGCTGCTGCT 358  
Db 619 CTGTGGGCGAGAGAGCCCTGCACCTAATTCGAATGCTGCCATCATGATCATGATGCTCATG 678  
QY 359 TTTGATGACAGAGTTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 418  
Db 679 TTGTCATGACTATCT 738  
QY 419 GATGGCTTATGTCAGCAGTTTCT 478  
Db 739 CTTGGCTTATATATCATCTCTATGTTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 798  
QY 479 AAGTCTGAAAAGTTTCGATGCTGCTCCAGGCGACATTTGGTTTCTGTTGGAGTGGGTA 538  
Db 799 AAGTGTTTAAACCTATAACGTTGCTGTGAGCTACATTTACTGTTGCACTCCTCATCTCTGGA 858  
QY 539 ACTATGGAGTTCTCGGAATGATGTATACATTTGAAAGGTCATTCCTGCTGCAACAGT 598  
Db 859 ATTTTGTGTTGGTGGGAATGATTTCCATTCCTGGAAGGTCCTGCTGCACTCCAGCAGG 918  
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QY 659 GGAAGTGTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 718  
Db 979 GGAAGTGTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1038  
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QY 1139 GCAAGGCTT-----CATCGTACTTTGACTGGAACAGCACTATCGCTTCTTTATGTCGCCA 1192  
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Db 1609 AGCCTTTATGGACCAATT 1627

## RESULT 8

US-09-785-474-3

: Sequence 3, Application US/09785474

: Patent No. US20010012626A1

: GENERAL INFORMATION:

: APPLICANT: TANZI, RUDOLPH

: WASCO, WILMA

: TITLE OF INVENTION: Genetic Alterations Related To Familial

: Alzheimer's Disease

: NUMBER OF SEQUENCES: 32

: CORRESPONDENCE ADDRESS:

: ADDRESSEE: STERNE, KESSLER, GOLDSTEIN &amp; FOX P.L.L.C.

: STREET: 1100 NEW YORK AVENUE, SUITE 600

: CITY: WASHINGTON

: STATE: DC

: COUNTRY: USA

: ZIP: 20005-3934

: COMPUTER READABLE FORM:

: MEDIUM TYPE: Floppy disk

: COMPUTER: IBM PC compatible

: OPERATING SYSTEM: PC-DOS/MS-DOS

: SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)

: CURRENT APPLICATION DATA:

: APPLICATION NUMBER: US/09/785,474

: FILING DATE: 20-Feb-2001

: CLASSIFICATION: &lt;Unknown&gt;

: PRIOR APPLICATION DATA:

: APPLICATION NUMBER: 08/706,344

: FILING DATE: 30-AUG-1996

: APPLICATION NUMBER: 60/003,054

: FILING DATE: 31-AUG-1995

: ATTORNEY/AGENT INFORMATION:

: NAME: KIM, JUDITH U.

: REGISTRATION NUMBER: 40,679

: REFERENCE/DOCKET NUMBER: 0609.4180002

: TELECOMMUNICATION INFORMATION:

: TELEPHONE: 202-371-2600

: TELEFAX: 202-371-2540

: INFORMATION FOR SEQ ID NO: 3:

: SEQUENCE CHARACTERISTICS:

: LENGTH: 2765 base pairs

: TYPE: nucleic acid

: STRANDEDNESS: double

: TOPOLOGY: linear

: MOLECULE TYPE: DNA (genomic)

: FEATURE:

: NAME/KEY: CDS

: LOCATION: 249..1649

: SEQUENCE DESCRIPTION: SEQ ID NO: 3:

US-09-785-474-3

## Query Match

Best Local Similarity 16.3%; Score 245; DB 10; Length 2765;

Matches 664; Conservative 0; Mismatches 515; Indels 40; Gaps 7;

QY 119 AGACGAATTTGTGGAAGCGGAGCTGAATACGGAGCATCTCACGTTATTCATC 178  
Db 442 AAGATGAGGAAGATGAGGAGCTGACATTGAAATATGGCCCAAGCATGTGATCATC 501  
QY 179 TATTTGTCCGGTGTCACTATGCTGCTGTTGTTTACGATGACAGGATTACGT 238  
Db 502 TCTTTGTCCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 561  
QY 239 TTTATAGTCAAAACAAATGGAAGGCAATTTTACATATCATCTTGTCCGGGAACAGACA 298  
Db 562 TTTATACCGGAAGGATG--GGCAGCTAATCTATATACCCCATTCACAGAATACCGAGA 618



## RESULT 9

US-09-754-949-5

; Sequence 5, Application US/09754949  
; Patent No. US2002015939A1

## GENERAL INFORMATION:

; APPLICANT: MCCARTHY, JUSTIN

; APPLICANT: CORDELL, BARBARA

; TITLE OF INVENTION: METHODS FOR IDENTIFYING INHIBITORS OF

; FILE REFERENCE: SCIOS.012A

; CURRENT APPLICATION NUMBER: US/09/754,949

; CURRENT FILING DATE: 2001-01-04

; NUMBER OF SEQ ID NOS: 16

; SOFTWARE: FastSeq for Windows Version 4.0

; SEQ ID NO 5

; LENGTH: 1346

; TYPE: DNA

; ORGANISM: Homo Sapien

US-09-754-949-5

Query Match 14.9%; Score 224.2; DB 10; Length 1346;

Best Local Similarity 59.5%; Pred. No. 1.7e-46;

Matches 398; Conservative 0; Mismatches 268; Indels 3; Gaps 1;

QY	131	TTGTGGGAAGCGGAGCTGAATACGGAGCATCTACGTTATTCATCTATTTGTCGCGG	190
Db	224	TGGAGGAAGAGCTGACCCCTCAAAATACGGAGGAGACGCTGATCATGCTGTTGCGCTG	283
QY	191	TGTCATCATGATCGCTGCTGCTGTTTACGATGAACAGCATACGTTTATAGTCAAA	250
Db	284	TCACCTCTGTCATGATCGTGGTGTAGCCACCATCAAGTCTGCGGCTTCTACACAGA	343
QY	251	ACAAATGAAGCAATTTACTATCATCATCTTTTGTCCGGGAACACAGCATCTGTTGGA	310
Db	344	AGAATGA---CAGCTCATCTACAGCAATTCACCTGAGGACACACCTCGGTGGCCAGC	400
QY	311	AGGATTTGATGTCACITGGAAATGCTCTGTCATGTTGCGGTGCTGTTCTGATGACAG	370
Db	401	GCCTCTCAACTCCGCTGCTGAACACCCCTCATCATGATGATGATGATGATGATGATG	460
QY	371	TTCTGCTGATGTTTCTATAAATACAAAGTTTATAGCTTATTCATGATGCTTATTG	430
Db	461	TCYTCTGGTGGTCTCTACAAGTACCGCTGCTACAAGTTCACTCCATGGCTGGTTGATCA	520
QY	431	TCAGCAGTTTCTTCTTTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTT	490
Db	521	TGCTCTTCACTGATGCTGCTGCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTT	580
QY	491	GTTCGATGTCCTCCAGCGCATATGTTGTTTGTGACCTGGGTAACATGAGATTC	550
Db	581	CCTACAATGTGGCCATGGAGTACCCACCCCTTGTGCTGCTGCTGCTGCTGCTGCTGCT	640
QY	551	TCGGAATGATGTATACATTTGAAAGTCCATTGGCTCTGCAACAGTTCTACCTATTATTA	610
Db	641	TGGCATGTTGTCATCCACTGGAAGGCCCTCTGTTGCTGTCAGAGCCCTACCTCATCA	700
QY	611	CAATGCTGCAATTAATGGCTCTGCTTATCAAGTACCTTACCAGAAATGGAGTGTGGT	670
Db	701	TGATCAGTGGCTCATGGCCCTAGTGTTCATCAAGTACCTCCAGAGTGTCCGCTGGG	760
QY	671	TTGTGCTGTTGTTATCTCGGTTGGATCTGTTGCGGTGCTGCTACCAACAAAGGACCAT	730
Db	761	TCATCTGGCGCCCATCTCTGTATGATCTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG	820
QY	731	TGAGATATTTGGTGAAGTGCACAGSAGAGAACGACCAATTTCCCGGCGCTGATTT	790
Db	821	TGAGATGCTGGTAGAACTGCCAGGAGAGAAATGAGCCCATATTTCCCTGCGCCCTGAT	880
QY	791	ATTCGCTG 799	
Db	881	ACTCATCTG 889	

## RESULT 10

US-10-221-254-7

; Sequence 7, Application US/10221254

; Publication No. US20030113811A1

## GENERAL INFORMATION:

; APPLICANT: GLAXO GROUP LIMITED

; TITLE OF INVENTION: ASSAY

; FILE REFERENCE: PG3950USW

; CURRENT APPLICATION NUMBER: US/10/221,254

; CURRENT FILING DATE: 2002-09-10

; PRIOR APPLICATION NUMBER: 0005894.1

; NUMBER OF SEQ ID NOS: 7

; SOFTWARE: PatentIn Ver. 2.1

; SEQ ID NO 7

; LENGTH: 2236

; TYPE: DNA

; ORGANISM: Homo sapiens

; FEATURE:

; NAME/KEY: CDS

; LOCATION: (368)..(1714)

US-10-221-254-7

Query Match 14.9%; Score 224.2; DB 9; Length 2236;

Best Local Similarity 59.5%; Pred. No. 2.3e-46;

Matches 398; Conservative 0; Mismatches 268; Indels 3; Gaps 1;

QY	131	TTGTGGGAAGCGGAGCTGAATACGGAGCATCTACGTTATTCATCTATTTGTCGCGG	190
Db	591	TGGAGGAAGAGCTGACCCCTCAAAATACGGAGGAGACGCTGATCATGCTGTTGTCGCTG	650
QY	191	TGTCATCATGATCGCTGCTGCTGTTTACGATGAACAGCATACGTTTATAGTCAAA	250
Db	651	TCACCTCTGTCATGATCGTGGTGTAGCCACCATCAAGTCTGCGGCTTCTACACAGA	710
QY	251	ACAAATGAAGCAATTTACTATCATCATCTTTTGTCCGGGAACACAGCATCTGTTGGA	310
Db	711	AGAATGA---CAGCTCATCTACAGCAATTCACCTGAGGACACACCTCGGTGGCCAGC	767
QY	311	AGGATTTGATGTCACITGGAAATGCTCTGTCATGTTGCGGTGCTGTTCTGATGACAG	370
Db	768	GCCTCTCAACTCCGCTGCTGAACACCCCTCATCATGATGATGATGATGATGATGATG	827
QY	371	TTCTGCTGATGTTTCTATAAATACAAAGTTTATAGCTTATTCATGATGCTTATTG	430
Db	828	TCYTCTGGTGGTCTCTACAAGTACCGCTGCTACAAGTTCACTCCATGGCTGGTTGATCA	887
QY	431	TCAGCAGTTTCTTCTTTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTT	490
Db	888	TGCTTTCACATGATGCTGCTGTTCTCTTCCATATATCTACCTTGGGGAAGTGTCTCAAG	947
QY	491	GTTCGATGTCCTCCAGCGCATATGTTGTTTGTGACCTGGGTAACATGAGATTC	550
Db	948	CCTACAATGTGGCCATGGAGTACCCACCCCTTGTGCTGCTGCTGCTGCTGCTGCTGCT	1007
QY	551	TCGGAATGATGTATACATTTGAAAGTCCATTGGCTCTGCAACAGTTCTACCTATTATTA	610
Db	1008	TGGCATGTTGTCATCCACTGGAAGGCCCTCTGTTGCTGTCAGAGCCCTACCTCATCA	1067
QY	611	CAATGCTGCAATTAATGGCTCTGCTTATCAAGTACCTTACCAGAAATGGAGTGTGGT	670
Db	1068	TGATCAGTGGCTCATGGCCCTAGTGTTCATCAAGTACCTCCAGAGTGTCCGCTGGG	1127
QY	671	TTGTGCTGTTGTTATCTCGGTTGGATCTGTTGCGGTGCTGCTACCAACAAAGGACCAT	730
Db	1128	TCATCTGGCGCCCATCTCTGTATGATCTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG	1187
QY	731	TGAGATATTTGGTGAAGTGCACAGSAGAGAACGACCAATTTCCCGGCGCTGATTT	790
Db	1188	TGAGATGCTGGTAGAACTGCCAGGAGAGAAATGAGCCCATATTTCCCTGCGCCCTGAT	1247
QY	791	ATTCGCTG 799	

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Db      1248 ACTCATCTG 1256
      ||| |||
RESULT 11
US-09-878-454A-25
; Sequence 25, Application US/09878454A
; Patent No. US20020064828A1
; GENERAL INFORMATION:
; APPLICANT: Monteiro, et al.
; TITLE OF INVENTION: Method of Controlling the Binding of Calmyrin to Presenilin
; FILE REFERENCE: 4115-161
; CURRENT APPLICATION NUMBER: US/09/878,454A
; PRIOR FILING DATE: 2001-06-11
; PRIOR APPLICATION NUMBER: 60/210,939
; PRIOR FILING DATE: 2000-06-11
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 25
; LENGTH: 2285
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (2137)..(2137)
; OTHER INFORMATION: n can be a, c, t or g
; NAME/KEY: misc feature
; LOCATION: (2144)..(2144)
; OTHER INFORMATION: n can be a, c, t or g
; NAME/KEY: misc feature
; LOCATION: (2152)..(2152)
; OTHER INFORMATION: n can be a, c, t or g
; NAME/KEY: misc feature
; LOCATION: (2157)..(2157)
; OTHER INFORMATION: n can be a, c, t or g
; NAME/KEY: misc feature
; LOCATION: (2160)..(2160)
; OTHER INFORMATION: n can be a, c, t or g
; NAME/KEY: misc feature
; LOCATION: (2163)..(2163)
; OTHER INFORMATION: n can be a, c, t or g
; NAME/KEY: misc feature
; LOCATION: (2180)..(2180)
; OTHER INFORMATION: n can be a, c, t or g
; NAME/KEY: misc feature
; LOCATION: (2203)..(2203)
; OTHER INFORMATION: n can be a, c, t or g
; NAME/KEY: misc feature
; LOCATION: (2213)..(2213)
; OTHER INFORMATION: n can be a, c, t or g
; NAME/KEY: misc feature
; LOCATION: (2216)..(2216)
; OTHER INFORMATION: n can be a, c, t or g
; NAME/KEY: misc feature
; LOCATION: (2225)..(2225)
; OTHER INFORMATION: n can be a, c, t or g
US-09-878-454A-25
Query Match      14.9%; Score 224.2; DB 10; Length 2285;
Best Local Similarity 59.5%; Pred. No. 2.4e-46;
Matches 398; Conservative 0; Mismatches 268; Indels 3; Gaps 1;
QY 131 TTGTGGAAGCGGAGCTGAAATACGGAGCATCTCAGCTATTTCATCTATTGTCGCGG 190
Db 589 TGGAGGAGAGCTGACCCCTCAATACGGAGAACATGTGATCATCTGTTGTGCGTG 648
QY 191 TGCTACTATGATGCTCTGGTGTGTTTACGATGAACACGATTACGTTTATAGTCAA 250
Db 649 TCACCTCTGTGATGATCGTGGTGTGTTAGCCACCATCAAGTCTGTGGCTTCTACACAGAGA 708
QY 251 ACAATGGAAGGCATTACTATACATCTTTTGTCCGGGAACACAGATATCGTTGAGA 310
Db 709 AGAATGGA--CAGCTCATCTACACGCCATTCTCAGTGAAGGACACACCCCTCGGTGGGCCAGC 765
QY 311 AGGATTGATGTCACATTGGAAATGCTCTCGTCATCTGTTGGCTGGTCTGTTCTGATGACAG 370
Db 766 GCCTCCCAACTCCGTCGTGAACACCCCTCATCATGATCATGATCATGCTGGTTATGACCA 825
QY 371 TTCTGCTGATTGTTTCTATAAATACAAAGTTTATAAGCTTATTATCATGGATGGCTTATTG 430
Db 826 TCTTCTTGGTGGTCTCTACAAAGTACCGCTGCTACAAAGTTTCATCCATGGCTGGTTGATCA 885
QY 431 TCAGCAGTTTCTTCTCTTTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCT 490
Db 886 TGTCTTCACTGATGCTGCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 945
QY 491 GTTTCGATGTTGTCCTCCAGCGCACTATTGGTTTGTGTTGTTGTTGTTGTTGTTGTTGTTG 550
Db 946 CCTACAATGTGGCCATGAGTACCCACCCCTCTTCTGCTGACTGTCTGGAACCTTCGGGCGAG 1005
QY 551 TCGGAATGATGTATATACATTGGAAGGTGCATTGGCTCTGCAACACGTTCTACCTTTATTA 610
Db 1006 TGGCATGGTGTGCATCCACTGGAAGGCCCTCTGGTGTGTCAGCAGCCCTTACCTCATCA 1065
QY 611 CAATGCTGCACATAAGGCTCTGCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCT 670
Db 1066 TGATCAGTGGCTCATGGCCCTAGTGTTCATCAAGTACCTCCAGAGCTGCTCCGCGTGG 1125
QY 671 TTCTGCTGTTTGTATCTCGTTTGGGATCTGGTTCGCTGCTGCTGCTGCTGCTGCTGCTGCT 730
Db 1126 TCATCTGGGCGCCATCTCTGTATGATCTCGTGGCTGTGCTGCTGCTGCTGCTGCTGCTGCT 1185
QY 731 TGAGATATTGTTGGTGAACATGCACAGGAGAGAAACGAGCAATTTTCCCGCGCTGATTT 790
Db 1186 TGAGAATGCTGGTAGAACTGCCAGGAGAGAAATGAGCCCATATTCCCTGCCCTGATAT 1245
QY 791 ATTGCTCTG 799
Db 1246 ACTCATCTG 1254
RESULT 12
US-09-895-035-6
; Sequence 6, Application US/09895035
; Patent No. US20020082211A1
; GENERAL INFORMATION:
; APPLICANT: Patterson, Chandra
; APPLICANT: Murry, Lynn E.
; APPLICANT: Kaser, Matthew R.
; TITLE OF INVENTION: HUMAN PRESENILIN VARIANT
; FILE REFERENCE: PC-0047 CIP
; CURRENT APPLICATION NUMBER: US/09/895,035
; CURRENT FILING DATE: 2001-06-29
; PRIOR APPLICATION NUMBER: 09/116,640
; PRIOR FILING DATE: 1998-07-16
; NUMBER OF SEQ ID NOS: 14
; SOFTWARE: PERL Program
; SEQ ID NO 6
; LENGTH: 469
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc feature
; OTHER INFORMATION: Incyte ID No. US20020082211A1 1353337F6
US-09-895-035-6
Query Match      5.8%; Score 87.6; DB 10; Length 469;
Best Local Similarity 58.5%; Pred. No. 3.8e-12;
Matches 172; Conservative 0; Mismatches 119; Indels 3; Gaps 1;
QY 119 AAGAGAAAATCTTGTGGAAGAGCGAGCTGAATACGGAGCATCTCAGCTTATTCATC 178
Db 27 AAGATGAGAGAGATGAGGAGCTGACATTGAAATATGGCGCCCAAGCATGTGATCATGC 86
QY 179 TATTGTGCGGTGTCTACTATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 238
```



QY	1141	AAGGCTTCATCGTACTTT-----GACTGGAACAGCACTATCGCTTGTATGTGGCCATT	1194
Db			
	65	AAAGCCTCAGCAACAGCCAGTGGAGACTGGAACAACACCATAGCCTGTTCTGTAGCCATA	124
QY	1195	CTTATCGCTCTCTCGTTCACCTCTTGCTCGCTCGCTCTTTCAAACAGACATCCCGGCT	1254
Db			
	125	TTAATTGGTTTGTGCTCTACATTATTACTCTTGCCATTTTCAAGAAGCATTTGCCAGCT	184
QY	1255	C-TGCAATTTCCATTTTCTCGGACTCATTTTTCCTTTTACTTTGTACCCCGCTGGATCATCACC	1313
Db			
	185	CTTCCATCTCCATCACCCTTTGGCTGTTTTTCTACTTTGGCACAGATTATCTTGTACAG	244
QY	1314	CCATTTGTTACACAAGT	1330
Db			
	245	CCTTTATGGACCAATT	261

RESULT 16  
US-09-938-842A-1045  
; Sequence 1045, Application US/09938842A  
; Patent No. US20020160378A1  
; GENERAL INFORMATION:  
; APPLICANT: Harper, Jeff  
; APPLICANT: Kreps, Joel  
; APPLICANT: Wang, Xun  
; APPLICANT: Zhu, Tong  
; TITLE OF INVENTION: STRESS-REGULATED GENES OF PLANTS, TRANSGENIC PLANTS CONTAINING  
; TITLE OF INVENTION: SAME, AND METHODS OF USE  
; FILE REFERENCE: SCRIPT300-3  
; CURRENT APPLICATION NUMBER: US/09/938, 842A  
; CURRENT FILING DATE: 2001-08-24  
; PRIOR APPLICATION NUMBER: US 60/227,866  
; PRIOR FILING DATE: 2000-08-24  
; PRIOR APPLICATION NUMBER: US 60/264,647  
; PRIOR FILING DATE: 2001-01-16  
; PRIOR APPLICATION NUMBER: US 60/300,111  
; PRIOR FILING DATE: 2001-06-22  
; NUMBER OF SEQ ID NOS: 5379  
; SEQ ID NO 1045  
; LENGTH: 1362  
; TYPE: DNA  
; ORGANISM: Arabidopsis thaliana  
US-09-938-842A-1045

[illegible]

RESULT 17  
US-09-895-035-5/c  
; Sequence 5, Application US/09895035

```

; Patent No. US20020082211A1
; GENERAL INFORMATION:
; APPLICANT: Patterson, Chandra
; APPLICANT: Murry, Lynn E.
; APPLICANT: Kaser, Matthew R.
; TITLE OF INVENTION: HUMAN PRESENILIN VARIANT
; FILE REFERENCE: PC-0047 CIP
; CURRENT APPLICATION NUMBER: US/09/895.035
; PRIORITY FILING DATE: 2001-06-29
; PRIOR APPLICATION NUMBER: 09/116,640
; PRIOR FILING DATE: 1998-07-16
; NUMBER OF SEQ ID NOS: 14
; *SOFTWARE: PERL Program
; SEQ ID NO 5
; LENGTH: 356
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc_feature
; OTHER INFORMATION: incyte ID No. US20020082211A1 135333766
; NAME/KEY: unsure
; LOCATION: 314, 352
; OTHER INFORMATION: a, t, c, g, or other
; US-09-895-035-5

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	Query Match	4.8%;	Score 72.4;	DB 10;	Length 356;
	Best Local Similarity	59.6%;	Pred. No. 2.3e-08;		
	Matches 140;	Conservative 0;	Mismatches 92;	Indels 3;	Gaps 1
Qy	178	CTATTTGGCCGGTGTCACACTATGATGCCTCGGTGGTGTATTACAGCATCAACACGATTACG	237		
Dd	346	CTCTTTGTCCTGTGACTCTCTGCATGTGTGTCGTGGTGACCATTAAGTCAGTCAGC	287		
Qy	238	TTTTTATAGTCAAACAATGGGAAGCATTTACTATCACATCCTTTTGTCCGGGAACACAGAC	297		
Dd	286	TTTTTATACCCGGAAGGATG---GGCAGCTAATCTATACCCTATTCACAGAAGATACCCGAG	230		
Qy	298	AGTATCGTTGAGAAGGATTGATGTCACCTTGGAAATGCTTCGTCATCTTGTGCGGTGTC	357		
Dd	229	ACTGTGGCCACAGAGCCCTGCATCTCAATTCCTGAATGCTGCCATCATCATCAGTGTCAAT	170		
Qy	358	GTTCCTGATGACAGTTCTGCTGATTGTTTTCCTATAAATACAAGTTTTTATAAGCTTA	412		
Dd	169	TTGTGCTATGACTATPCTCCCTGGTGGTCTCTGTATAAATACAGCTGCTATAAGGTGA	115		

RESULT 18  
US-09-818-875-4220  
; Sequence 4220, Application US/09818875  
; Publication No. US20030051270A1  
; GENERAL INFORMATION:  
; APPLICANT: Kmiec, Eric B.  
; APPLICANT: Gamper, Howard B.  
; APPLICANT: Rice, Michael C.  
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single  
; TITLE OF INVENTION: Stranded Oligonucleotides  
; FILE REFERENCE: Napro-4  
; CURRENT APPLICATION NUMBER: US/09/818,875  
; CURRENT FILING DATE: 2001-03-27  
; PRIOR APPLICATION NUMBER: US 60/192,176  
; PRIOR FILING DATE: 2000-03-27  
; PRIOR APPLICATION NUMBER: US 60/192,179  
; PRIOR FILING DATE: 2000-03-27  
; PRIOR APPLICATION NUMBER: US 60/208,538  
; PRIOR FILING DATE: 2000-06-01  
; PRIOR APPLICATION NUMBER: US 60/244,989  
; PRIOR FILING DATE: 2000-10-30  
; NUMBER OF SEQ ID NOS: 4385  
; SOFTWARE: Friedman macro Napro4  
; SEQ ID NO 4220  
; LENGTH: 121  
; TYPE: DNA  
; ORGANISM: Homo sapiens



Db 121 GGAAGTCCACTTCGACTCCAGGAGGCATATCTCAATTATGATTAGTGCCTCATGGCCC 62  
QY 632 TGGTCTTTATCAAGTACCTACCAAGTGGACTGTGTGGTTGTCTGTTTATTCGCG 691  
Db 61 TGGTGTATCAAGTACCTCCCTGAATGGACTGCGTGGCTCATCTTGGCTGTGATTTTCAG 2  
QY 692 T 692  
Db 1 T 1

## RESULT 22

US-09-818-875-4212  
; Sequence 4212, Application US/09818875  
; Publication No. US20030051270A1  
; GENERAL INFORMATION:  
; APPLICANT: Kmiec, Eric B.  
; APPLICANT: Gamper, Howard B.  
; APPLICANT: Rice, Michael C.  
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single  
; FILE REFERENCE: Napro-4  
; CURRENT APPLICATION NUMBER: US/09/818,875  
; PRIOR FILING DATE: 2001-03-27  
; PRIOR APPLICATION NUMBER: US 60/192,176  
; PRIOR FILING DATE: 2000-03-27  
; PRIOR APPLICATION NUMBER: US 60/192,179  
; PRIOR FILING DATE: 2000-03-27  
; PRIOR APPLICATION NUMBER: US 60/208,538  
; PRIOR FILING DATE: 2000-06-01  
; PRIOR APPLICATION NUMBER: US 60/244,989  
; PRIOR FILING DATE: 2000-10-30  
; NUMBER OF SEQ ID NOS: 4385  
; SOFTWARE: Friedman macro Napro4  
; SEQ ID NO 4212  
; LENGTH: 121  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-818-875-4212

Query Match 4.6%; Score 68.8; DB 9; Length 121;  
Best Local Similarity 73.3%; Pred. No. 9.7e-08;  
Matches 88; Conservative 0; Mismatches 32; Indels 0; Gaps 0;  
QY 559 ATGTGTATACATTGGAAGTCCATTCGCTCTGCAACAGTCTTACCTTATTACAAGTCT 618  
Db 1 ATTTCCATTACCTGGAAGTCCACTTCGACTCCAGCAGGCATATCTCATTTAGTAGT 60  
QY 619 GCACTAATGGCTCTGTCTTTTATCAAGTACCTACCAGAATGGACTGTGTGGTTGTGCTG 678  
Db 61 GCCCTCATGGCCCTGGTGTGTTTATCAAGTACCTCCCTGAATGGACTGCGTGGCTCATCTTG 120

## RESULT 23

US-09-818-875-4213/c  
; Sequence 4213, Application US/09818875  
; Publication No. US20030051270A1  
; GENERAL INFORMATION:  
; APPLICANT: Kmiec, Eric B.  
; APPLICANT: Gamper, Howard B.  
; APPLICANT: Rice, Michael C.  
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single  
; FILE REFERENCE: Napro-4  
; CURRENT APPLICATION NUMBER: US/09/818,875  
; PRIOR FILING DATE: 2001-03-27  
; PRIOR APPLICATION NUMBER: US 60/192,176  
; PRIOR FILING DATE: 2000-03-27  
; PRIOR APPLICATION NUMBER: US 60/192,179  
; PRIOR FILING DATE: 2000-03-27  
; PRIOR APPLICATION NUMBER: US 60/208,538  
; PRIOR FILING DATE: 2000-06-01  
; PRIOR APPLICATION NUMBER: US 60/244,989

; PRIOR FILING DATE: 2000-10-30  
; NUMBER OF SEQ ID NOS: 4385  
; SOFTWARE: Friedman macro Napro4  
; SEQ ID NO 4213  
; LENGTH: 121  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-818-875-4213

Query Match 4.6%; Score 68.8; DB 9; Length 121;  
Best Local Similarity 73.3%; Pred. No. 9.7e-08;  
Matches 88; Conservative 0; Mismatches 32; Indels 0; Gaps 0;  
QY 559 ATGTGTATACATTGGAAGTCCATTCGCTCTGCAACAGTCTTACCTTATTACAAGTCT 618  
Db 121 ATTTCCATTACCTGGAAGTCCACTTCGACTCCAGCAGGCATATCTCATTTAGTAGT 62  
QY 619 GCACTAATGGCTCTGTCTTTTATCAAGTACCTACCAGAATGGACTGTGTGGTTGTGCTG 678  
Db 61 GCCCTCATGGCCCTGGTGTGTTTATCAAGTACCTCCCTGAATGGACTGCGTGGCTCATCTTG 2

## RESULT 24

US-09-818-875-4216  
; Sequence 4216, Application US/09818875  
; Publication No. US20030051270A1  
; GENERAL INFORMATION:  
; APPLICANT: Kmiec, Eric B.  
; APPLICANT: Gamper, Howard B.  
; APPLICANT: Rice, Michael C.  
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single  
; FILE REFERENCE: Napro-4  
; CURRENT APPLICATION NUMBER: US/09/818,875  
; PRIOR FILING DATE: 2001-03-27  
; PRIOR APPLICATION NUMBER: US 60/192,176  
; PRIOR FILING DATE: 2000-03-27  
; PRIOR APPLICATION NUMBER: US 60/192,179  
; PRIOR FILING DATE: 2000-03-27  
; PRIOR APPLICATION NUMBER: US 60/208,538  
; PRIOR FILING DATE: 2000-06-01  
; PRIOR APPLICATION NUMBER: US 60/244,989  
; PRIOR FILING DATE: 2000-10-30  
; NUMBER OF SEQ ID NOS: 4385  
; SOFTWARE: Friedman macro Napro4  
; SEQ ID NO 4216  
; LENGTH: 121  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-818-875-4216

Query Match 4.5%; Score 67.8; DB 9; Length 121;  
Best Local Similarity 73.1%; Pred. No. 1.7e-07;  
Matches 87; Conservative 0; Mismatches 32; Indels 0; Gaps 0;  
QY 560 TGTGTATACATTGGAAGTCCATTCGCTCTGCAACAGTCTTACCTTATTACAAGTCTG 619  
Db 1 TTTCATTACCTGGAAGTCCACTTCGACTCCAGCAGGCATATCTCATTTAGTAGTG 60  
QY 620 CACTAATGGCTCTGTCTTTTATCAAGTACCTACCAGAATGGACTGTGTGGTTGTGCTG 678  
Db 61 CCTCATGGCCCTGGTGTGTTTATCAAGTACCTCCCTGAATGGACTGCGTGGCTCATCTTG 119

## RESULT 25

US-09-818-875-4217/c  
; Sequence 4217, Application US/09818875  
; Publication No. US20030051270A1  
; GENERAL INFORMATION:  
; APPLICANT: Kmiec, Eric B.  
; APPLICANT: Gamper, Howard B.  
; APPLICANT: Rice, Michael C.  
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single

;; TITLE OF INVENTION: Stranded Oligonucleotides  
;; FILE REFERENCE: Napro-4  
;; CURRENT APPLICATION NUMBER: US/09/818,875  
;; CURRENT FILING DATE: 2001-03-27  
;; PRIOR APPLICATION NUMBER: US 60/192,176  
;; PRIOR FILING DATE: 2000-03-27  
;; PRIOR APPLICATION NUMBER: US 60/192,179  
;; PRIOR FILING DATE: 2000-03-27  
;; PRIOR APPLICATION NUMBER: US 60/208,538  
;; PRIOR FILING DATE: 2000-06-01  
;; PRIOR APPLICATION NUMBER: US 60/244,989  
;; PRIOR FILING DATE: 2000-10-30  
;; NUMBER OF SEQ ID NOS: 4385  
;; SOFTWARE: Friedman macro Napro4  
;; SEQ ID NO 4217  
;; LENGTH: 121  
;; TYPE: DNA  
;; ORGANISM: Homo sapiens  
US-09-818-875-4217

Query Match 4.5%; Score 67.8; DB 9; Length 121;  
Best Local Similarity 73.1%; Pred. No. 1.7e-07;  
Matches 87; Conservative 0; Mismatches 32; Indels 0; Gaps 0;  
QY 560 TGTGTATACATGGAAGTCCATTGCTGCAACAGTTCTACCTTATTACAAATGCTG 619  
DB 121 TTTCATTCATGGAAGTCCACTTCGACTCCAGGCGATATCTCATTTATGATG 62  
QY 620 CACTAATGGCTGGCTTTTATCAAGTACCTACCAAGTGGCTGTTGTTGCTG 678  
DB 61 CCTCATGGCCCTGGTGTGTTTATCAAGTACCTCCTGAATGACTGCTGCTCATCTG 3

RESULT 26  
US-09-895-035-8  
;; Sequence 8, Application US/09895035  
;; Patent No. US20020082211A1  
;; GENERAL INFORMATION:  
;; APPLICANT: Patterson, Chandra  
;; APPLICANT: Murry, Lynn E.  
;; APPLICANT: Kaser, Matthew R.  
;; TITLE OF INVENTION: HUMAN PRESENILIN VARIANT  
;; FILE REFERENCE: PC-0047 CIP  
;; CURRENT APPLICATION NUMBER: US/09/895,035  
;; PRIOR FILING DATE: 2001-06-29  
;; PRIOR APPLICATION NUMBER: 09/116,640  
;; PRIOR FILING DATE: 1998-07-16  
;; NUMBER OF SEQ ID NOS: 14  
;; SOFTWARE: PERL Program  
;; SEQ ID NO 8  
;; LENGTH: 624  
;; TYPE: DNA  
;; ORGANISM: Canis familiaris  
;; FEATURE:  
;; NAME/KEY: misc\_feature  
;; OTHER INFORMATION: Incyte ID No. US20020082211A1 702764613H1  
US-09-895-035-8

Query Match 4.0%; Score 60.6; DB 10; Length 624;  
Best Local Similarity 54.2%; Pred. No. 3.1e-05;  
Matches 123; Conservative 0; Mismatches 104; Indels 0; Gaps 0;  
QY 277 CCTTTTGTCCGGGAACACAGATATCGTTGAGAGGGATTGATGTCATTGGAATGCT 336  
DB 385 CCATTACCGAGGACACGCCCTCTGGGCCCGCCTCCTCAACTCTCTGCTCAACACC 444  
QY 337 CTCGTCATCTGTGGTGGTCTGCTGATGACAGTCTCTGCTGATGTTCTTCTATAAATAC 396  
DB 445 CTCATCATCATCAGCGTCAATGTTGGCCATGACCATCTTCTTGGTGGTCTGTACAGTAC 504  
QY 397 AAGTTTATTAAGCTTATTCATGGATGGCTTTATGTCAGAGTCTTCTTCTTCTTTTCCCA 456  
DB 505 CGCTGCTACAAGTTTATTCATGCTGGTGTGATGATGTCATCTTGTATGCTCTCTGTCCT 564

QY 457 TTCACTACAATCTATGTGCAAGAAGTTCTGAAAAAGTTTCGGATGTGTC 503  
DB 565 TTCACCTATATCTACCTCGGGGAAGTGCTTAAGACCTACACACGTGGC 611  
RESULT 27  
US-09-895-035-4  
;; Sequence 4, Application US/09895035  
;; Patent No. US20020082211A1  
;; GENERAL INFORMATION:  
;; APPLICANT: Patterson, Chandra  
;; APPLICANT: Murry, Lynn E.  
;; APPLICANT: Kaser, Matthew R.  
;; TITLE OF INVENTION: HUMAN PRESENILIN VARIANT  
;; FILE REFERENCE: PC-0047 CIP  
;; CURRENT APPLICATION NUMBER: US/09/895,035  
;; CURRENT FILING DATE: 2001-06-29  
;; PRIOR APPLICATION NUMBER: 09/116,640  
;; PRIOR FILING DATE: 1998-07-16  
;; NUMBER OF SEQ ID NOS: 14  
;; SOFTWARE: PERL Program  
;; SEQ ID NO 4  
;; LENGTH: 269  
;; TYPE: DNA  
;; ORGANISM: Homo sapiens  
;; FEATURE:  
;; NAME/KEY: misc\_feature  
;; OTHER INFORMATION: Incyte ID No. US20020082211A1 1353337H1  
US-09-895-035-4

Query Match 4.0%; Score 60.4; DB 10; Length 269;  
Best Local Similarity 55.7%; Pred. No. 2.1e-05;  
Matches 137; Conservative 0; Mismatches 106; Indels 3; Gaps 1;  
QY 119 AAGACGAAATGTTGTGGAAGAAGCGAGCTGAAATACGAGGATCTCAGCTTATTCATC 178  
DB 27 AAGATGAGGAAGAAGATGAGGAGCTGACATTGAAATATGCGCAAGCATGTGATCATGC 86  
QY 179 TATTTGTGCGGTGTCACATGATGCTGCTGCTGTTTTCAGATCAACACCATACGT 238  
DB 87 TCCTTTGCTGTCGACTCTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 146  
QY 239 TTTATAGTCAAAACAAATGGAAGGCTTTACTATCATCATCTCTTTCGCGGAACACACA 298  
DB 147 TTTATACCGGAAGGATG---GGCAGCTAATCTATACCCCATTCACAGAGATACCGAGA 203  
QY 299 GTATCGTTGAGAAGGATGATGTCATCTGCTGGAATGCTCTGCTGCTGCTGCTGCTGCTG 358  
DB 204 CTGTGGCCAGAGAGCCCTGCACCTCAATTCTGAATGCTGCCATCATGATGATGCTGCTGCTG 263  
QY 359 TTCTGA 364  
DB 264 TTGTCA 269  
RESULT 28  
US-09-818-875-4336  
;; Sequence 4336, Application US/09818875  
;; Publication No. US20030051270A1  
;; GENERAL INFORMATION:  
;; APPLICANT: Kmiec, Eric B.  
;; APPLICANT: Gamper, Howard B.  
;; APPLICANT: Rice, Michael C.  
;; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single  
;; FILE REFERENCE: Napro-4  
;; CURRENT APPLICATION NUMBER: US/09/818,875  
;; CURRENT FILING DATE: 2001-03-27  
;; PRIOR APPLICATION NUMBER: US 60/192,176  
;; PRIOR FILING DATE: 2000-03-27  
;; PRIOR APPLICATION NUMBER: US 60/192,179  
;; PRIOR FILING DATE: 2000-03-27

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; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 4336
; LENGTH: 121
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-818-875-4336

Query Match          4.0%; Score 59.6; DB 9; Length 121;
Best Local Similarity 70.2%; Pred. No. 2.1e-05;
Matches 80; Conservative 0; Mismatches 34; Indels 0; Gaps 0;

QY 565 ATACATTGGAAGTCCATTGGCTCTGCACAGTCTTACCTTATTACAATGTCTGCACTA 624
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 1 ATCCACTGGAAGGCCCTCTGGTCTGCAGCAGCCCTACCTCATCATGATCAGTGGCTC 60

QY 625 ATGGCTCTGGTCTTTATCAAGTACCTACCAGAATGGACTCTGTGGTTTGTGCTG 678
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 61 ATGCCCTAGTGTTCATCAAGTACCTCCACAGATGGTCCGGTGGGTGTCATCCTG 114

RESULT 29
US-09-818-875-4337/c
; Sequence 4337, Application US/09818875
; Publication No. US20030051270A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/09/818,875
; PRIOR FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 4337
; LENGTH: 121
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-818-875-4337

Query Match          4.0%; Score 59.6; DB 9; Length 121;
Best Local Similarity 70.2%; Pred. No. 2.1e-05;
Matches 80; Conservative 0; Mismatches 34; Indels 0; Gaps 0;

QY 565 ATACATTGGAAGTCCATTGGCTCTGCACAGTCTTACCTTATTACAATGTCTGCACTA 624
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 121 ATCCACTGGAAGGCCCTCTGGTCTGCAGCAGCCCTACCTCATCATGATCAGTGGCTC 62

QY 625 ATGGCTCTGGTCTTTATCAAGTACCTACCAGAATGGACTGTGTGGTTTGTGCTG 678
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 61 ATGGCCCTAGTGTTCATCAAGTACCTCCACAGATGGTCCGGTGGGTGTCATCCTG 8

RESULT 30
US-09-818-875-4208
; Sequence 4208, Application US/09818875
; Publication No. US20030051270A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
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; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/09/818,875
; CURRENT FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 4208
; LENGTH: 121
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-818-875-4208

Query Match          4.0%; Score 59.4; DB 9; Length 121;
Best Local Similarity 71.6%; Pred. No. 2.3e-05;
Matches 78; Conservative 0; Mismatches 31; Indels 0; Gaps 0;

QY 536 GTAACTATGGAGTTCTCGGAATGATGTGTATACATTGGAAGGTCCATTGCGTCTGCAAC 595
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 13 GGAATTTTGGTGTGGGAATGATTTCCATTCACTGGAAGGTCCACTTCGACTCCAGC 72

QY 596 AGTCTACCTTATTACAATGTCTGCACTAATGCTCTGGTCTTTATCAA 644
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 73 AGCATATCTCATTTATGATTAGTGCCTCATGCGCCTGCTGTTTATCAA 121

RESULT 31
US-09-818-875-4209/c
; Sequence 4209, Application US/09818875
; Publication No. US20030051270A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/09/818,875
; CURRENT FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 4209
; LENGTH: 121
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-818-875-4209

Query Match          4.0%; Score 59.4; DB 9; Length 121;
Best Local Similarity 71.6%; Pred. No. 2.3e-05;
Matches 78; Conservative 0; Mismatches 31; Indels 0; Gaps 0;

QY 536 GTAACTATGGAGTTCTCGGAATGATGTGTATACATTGGAAGGTCCATTGCGTCTGCAAC 595
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 109 GGAATTTTGGTGTGGGAATGATTTCCATTCACTGGAAGGTCCACTTCGACTCCAGC 50
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; ORGANISM: Homo sapiens
US-09-818-875-4333

Query Match          3.9%; Score 59.2; DB 9; Length 121;
Best Local Similarity 68.3%; Pred. No. 2.6e-05;
Matches 82; Conservative 0; Mismatches 38; Indels 0; Gaps 0;

QY 568 CATTGGAAAGTCGTCATTCGCTCGCAACAGTTCTACCTATTACAACTGTCGCACATAATG 627
Db 120 CACTGGAGGGCCCTCTGGTCTGCAGCAGGCTACCTCATCATGATCATGAGCGCTCATG 61
QY 628 GCTCTGGCTTTATCAAGTACTACCAAGATGGACTGTGGGTTGTGCTGTTTGTATTATC 687
Db 60 GCCCTAGTGTTCATCAAGTACCTCCAGAGTGGTCCGCGTGGGTCACTCTGGCGCCATC 1

RESULT 34
US-09-925-299-454
; Sequence 454, Application US/09925299
; Publication No. US20030040617A9
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins and Antibodies
; FILE REFERENCE: PA102
; CURRENT APPLICATION NUMBER: US/09/925,299
; CURRENT FILING DATE: 2001-08-10
; PRIOR APPLICATION NUMBER: PCT/US00/05883
; PRIOR FILING DATE: 2000-03-08
; PRIOR APPLICATION NUMBER: 60/124,270
; PRIOR FILING DATE: 1999-03-12
; NUMBER OF SEQ ID NOS: 1556
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 454
; LENGTH: 332
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (95)
; OTHER INFORMATION: n equals a,t,g, or c
; NAME/KEY: misc_feature
; LOCATION: (332)
; OTHER INFORMATION: n equals a,t,g, or c
US-09-925-299-454

Query Match          3.7%; Score 54.8; DB 9; Length 332;
Best Local Similarity 63.4%; Pred. No. 0.00063;
Matches 83; Conservative 0; Mismatches 48; Indels 0; Gaps 0;

QY 667 TGGTTTGTGCTGTTTGTATTATCTCGGTTTGGGATCTGGTTGCCGTGCTCACACCAAAAGGA 736
Db 1 TGGCTCATCTGGCTGTGATTTCAGTATATGATTTAGTGGCTGTTTGTGTCGCAAGGT 60
QY 727 CCATTGAGATATTTGGTGGAACTGCACAGGAGAGAAACAGCAATTTTCCGGGGCTG 786
Db 61 CCACATTCGATGCTGTTGTAACAGCTCAGGAGANAATGAAACGCTTTTTTCCAGCTCTC 120
QY 787 ATTATTTCGTC 797
Db 121 ATTACTCTC 131

RESULT 35
US-09-925-299-454
; Sequence 454, Application US/09925299
; Patent No. US20020055627A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins and Antibodies
; FILE REFERENCE: PA102
; CURRENT APPLICATION NUMBER: US/09/925,299
; CURRENT FILING DATE: 2001-08-10
; PRIOR APPLICATION NUMBER: PCT/US00/05883

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[illegible]

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Query Match          3.4%   Score 50.6;  DB 10;  Length 380;
Best Local Similarity 53.9%;  Pred. No. 0.0079;
Matches 104;  Conservative 0;  Mismatches 89;  Indels 0;  Gaps 0;

QY 1308 ATCACCCCATTTGTTACACAAAGTCCTCCAAAAGTGTTTATATATTATTAATCTCTGTTTTT 1357

```



Db 226 ATTTATAAAATTTTTTTTTTTTTTTTAAATATATATTTTTTAAAAAATTTTAAAAATA 284

## RESULT 41

US-10-198-846-8434/c  
; Sequence 8434, Application US/10198846  
; Publication No. US2003009974A1  
; GENERAL INFORMATION:  
; APPLICANT: Lillie, James  
; APPLICANT: Xu, Yongyao  
; APPLICANT: Wang, Youzhen  
; APPLICANT: Steinmann, Kathleen  
; TITLE OF INVENTION: NOVEL GENES, COMPOSITIONS, KITS, AND METHODS  
; TITLE OF INVENTION: FOR IDENTIFICATION, ASSESSMENT, PREVENTION, AND  
; TITLE OF INVENTION: THERAPY OF BREAST CANCER  
; FILE REFERENCE: MRI-049  
; CURRENT APPLICATION NUMBER: US/10/198,846  
; CURRENT FILING DATE: 2002-07-18  
; PRIOR APPLICATION NUMBER: 60/306,220  
; PRIOR FILING DATE: 2001-07-18  
; NUMBER OF SEQ ID NOS: 14084  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 8434  
; LENGTH: 600  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
; FEATURE:  
; NAME/KEY: misc\_feature  
; LOCATION: 2, 14, 27, 61, 150, 153, 156, 159, 160, 218, 222, 226, 227,  
; LOCATION: 229, 230, 232, 234, 236, 288, 289, 290, 291, 292, 316, 319,  
; LOCATION: 323, 324, 325, 326, 328, 330, 331, 332, 333, 334, 340, 345,  
; LOCATION: 346, 349, 350, 351, 352, 368, 369, 370, 371, 372, 373  
; OTHER INFORMATION: n = A,T,C or G  
; FEATURE:  
; NAME/KEY: misc\_feature  
; LOCATION: 374, 375, 376, 377, 379, 381, 393, 395, 396, 397, 399, 400,  
; LOCATION: 401, 402, 403, 404, 406, 408, 411, 422, 423, 424, 425, 426,  
; LOCATION: 427, 435, 436, 437, 444, 445, 447, 448, 449, 469, 472, 473,  
; LOCATION: 478, 479, 480, 481, 483, 497, 502, 505, 506, 514, 517  
; OTHER INFORMATION: n = A,T,C or G  
; FEATURE:  
; NAME/KEY: misc\_feature  
; LOCATION: 518, 519, 520, 521, 522, 524, 526, 527, 528, 533, 534, 535,  
; LOCATION: 536, 537, 538, 541, 559, 561, 562, 563, 564, 567, 568, 569,  
; LOCATION: 570, 575, 589, 590, 592, 594, 598, 599  
; OTHER INFORMATION: n = A,T,C or G

## US-10-198-846-8434

Query Match 3.3%; Score 50; DB 9; Length 600;  
Best Local Similarity 44.6%; Pred. No. 0.015;  
Matches 107; Conservative 0; Mismatches 133; Indels 0; Gaps 0;

QY	1261	TTTCCATTCTCTCCGACTCATTTTCTCTGTTTGTACCGCTGGATCATCACCCCAATTG 1320
Db	367	TTTTTTTTTTTTTTNNCCNNNTCTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT 248
QY	1321	TTACACAAGTCTCTCAAAAGTGTATTATATATCTCTGTTTGTCCATTCTCTTGC 1380
Db	307	CCCCCCCCCCCCNNNNNTCTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT 248
QY	1381	ATCATCAAGTTTTCATATATCTTGGAGGATCTCAAGCTTATTTTACATACCTATT 1440
Db	247	TTTCCCCCCCCCCNNCCNNCCNNCCNNCCNNCCNNCCNNCCNNCCNNCCNNCCNNCCNN 188
QY	1441	ATTTTGAAGTCTTGTCTTAAAGTTATATATATATATATATATATATATATATATAT 1500
Db	187	TTT 128

## RESULT 42

US-09-960-352-11218/c  
; Sequence 11218, Application US/09960352  
; Patent No. US20020137139A1

## ; GENERAL INFORMATION:

; APPLICANT: Warren, Wesley C.  
; APPLICANT: Tao, Nengbing  
; APPLICANT: Byatt, John C.  
; APPLICANT: Mathialagan, Nagappan  
; TITLE OF INVENTION: NUCLEIC ACID AND OTHER MOLECULES ASSOCIATED WITH LACTATION AND  
; TITLE OF INVENTION: MUSCLE AND FAT DEPOSITION  
; FILE REFERENCE: 16511.006/37-21(10298)C  
; CURRENT APPLICATION NUMBER: US/09/960,352  
; CURRENT FILING DATE: 2001-09-24  
; NUMBER OF SEQ ID NOS: 15112  
; SEQ ID NO 11218  
; LENGTH: 424  
; TYPE: DNA  
; ORGANISM: Bos taurus  
; OTHER INFORMATION: Clone ID: 48-LJB3058-026-Q1-K1-D12  
US-09-960-352-11218

Query Match 3.3%; Score 49.6; DB 10; Length 424;  
Best Local Similarity 50.4%; Pred. No. 0.015;  
Matches 121; Conservative 0; Mismatches 119; Indels 0; Gaps 0;

QY	1261	TTTCCATTCTCTCCGACTCATTTTCTCTGTTTGTACCGCTGGATCATCACCCCAATTG 1320
Db	314	TTTTAATATACTTAATCTTTTTTAAATTTTCATTTTTTTTTTTTAAAAATATCTC 255
QY	1321	TTACACAAGTCTCTCAAAAGTGTATTATATATATATATATATATATATATATATATAT 1380
Db	254	TTTTTTTATTTTTTTTAAATTTCCCTATAATATTTTTTTTTTATATATTTTAAACAATATTT 195
QY	1381	ATCATCAAGTTTTCGATATATCTTGAGCGATCTCAAGCTTTTATTTTACATACCTATT 1440
Db	194	AAAAATTTTAAATTTTATTTTAAATTTTAAATTTTATTTTATTTTATTTTATTTTATTTT 135
QY	1441	ATTTTGAAGTCTTGTCTTAAAGTTATATATATATATATATATATATATATATATATAT 1500
Db	134	TATTTTTTTTTTTTATTTTTTTTATTTTATTTTAAATTTTAAATTTTAAATTTTAAATTTT 75

## RESULT 43

US-09-895-035-10  
; Sequence 10, Application US/09895035  
; Patent No. US20020082211A1  
; GENERAL INFORMATION:  
; APPLICANT: Patterson, Chandra  
; APPLICANT: Murry, Lynn E.  
; APPLICANT: Kaser, Matthew R.  
; TITLE OF INVENTION: HUMAN PRESENILIN VARIANT  
; FILE REFERENCE: PC-0047 CIP  
; CURRENT APPLICATION NUMBER: US/09/895,035  
; CURRENT FILING DATE: 2001-06-29  
; PRIOR APPLICATION NUMBER: 09/116,640  
; PRIOR FILING DATE: 1998-07-16  
; NUMBER OF SEQ ID NOS: 14  
; SOFTWARE: PERL Program  
; SEQ ID NO 10  
; LENGTH: 315  
; TYPE: DNA  
; ORGANISM: Rattus norvegicus  
; FEATURE:  
; NAME/KEY: misc\_feature  
; OTHER INFORMATION: Incyte ID No. US20020082211A1 701725602H1  
US-09-895-035-10

Query Match 3.3%; Score 49.4; DB 10; Length 315;  
Best Local Similarity 58.5%; Pred. No. 0.014;  
Matches 86; Conservative 0; Mismatches 61; Indels 0; Gaps 0;

QY	116	AAGAAGACGAAATTTTGTGGAAGACGCGAGCTGAAATACGAGCATCTCACGTTATTC 175
Db	147	AACAAGATGAGGAGGAGACGAGAGCTGACATTTGAAATATGGAGCCCAAGCAGCATCA 206
QY	176	ATCTATTTGTCCGGTGTCACTATGATCATGCTGCTGTTGTTTACGATGACACGATTA 235

```
Db 207 TGCTTTGTTCTGTGACCTCTGCATGTCGTGTGGGCGCCACCATCAAGTCAGTCA 266
QY 236 CGTTTATAGTCAAAACAATGGAAGGC 262
Db 267 GCTTCTACACCGGAAGGATGGCAGC 293

RESULT 44
US-10-239-676-160
; Sequence 160, Application US/10239676
; Publication No. US20030082609A1
; GENERAL INFORMATION:
; APPLICANT: OLEK, Alexander
; APPLICANT: PIEPENBROCK, Christian
; APPLICANT: BERLIN, Kurt
; TITLE OF INVENTION: Diagnosis of Diseases Associated with Gene Regulation
; FILE REFERENCE: 5013.1003
; CURRENT APPLICATION NUMBER: US/10/239,676
; CURRENT FILING DATE: 2002-09-24
; PRIOR APPLICATION NUMBER: PCT/EP01/03968
; DE 10019058.8
; DE 10019173.8
; DE 10032529.7
; DE 10043826.1
; PRIOR FILING DATE: 2001-04-06
; 2000-04-06
; 2000-04-07
; 2000-06-30
; 2000-09-01
; NUMBER OF SEQ ID NOS: 228
; SEQ ID NO 160
; LENGTH: 9515
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: chemically treated genomic DNA (Homo sapiens)
US-10-239-676-160

Query Match 3.3%; Score 49.2; DB 9; Length 9515;
Best Local Similarity 51.4%; Pred. No. 0.13;
Matches 114; Conservative 0; Mismatches 108; Indels 0; Gaps 0;

QY 1272 TCGGACTCATTTTACITTTTGTACCCGCTGGATCATCACCCATTTGTTACACAAGTC 1331
Db 2377 TCGGGATTTGTTTTTGTAGTAGAGAAATTTAGGTAGATAGGATTTATTTGTAATATTTT 2436
QY 1332 TCTCAAAGTGTATTATATATATCTCTGTTTTTGCCTATTTCTTTTGCATCATCAACTT 1391
Db 2437 TTTTGTGTTGTTATTTTATTTTATTTTATTTTATTTTATTTTATTTTATTTTATTTT 2496
QY 1392 TTCGATTATATCTTGAGCGATCTCAAGCTTTTATTTTACATACCTATTTTATTTTGAAC 1451
Db 2497 TTTTGTGTTTATTTATTTTATTTTATTTTATTTTATTTTATTTTATTTTATTTTATTT 2556
QY 1452 TTGTCTATTAAGTATATAAATTTATTAATAAAAAA 1493
Db 2557 TTTTGTGTTTATTTATTTTATTTTATTTTATTTTATTTTATTTTATTTTATTTTATTT 2598

RESULT 45
US-10-198-846-1369/c
; Sequence 1369, Application US/10198846
; Publication No. US2003009974A1
; GENERAL INFORMATION:
; APPLICANT: Lillie, James
; APPLICANT: Xu, Yongyao
; APPLICANT: Wang, Youzhen
; APPLICANT: Steinmann, Kathleen
; TITLE OF INVENTION: NOVEL GENES, COMPOSITIONS, KITS, AND METHODS
; TITLE OF INVENTION: FOR IDENTIFICATION, ASSESSMENT, PREVENTION, AND
; TITLE OF INVENTION: THERAPY OF BREAST CANCER
; FILE REFERENCE: MRI-049
```

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; CURRENT APPLICATION NUMBER: US/10/198,846
; CURRENT FILING DATE: 2002-07-18
; PRIOR APPLICATION NUMBER: 60/306,220
; PRIOR FILING DATE: 2001-07-18
; NUMBER OF SEQ ID NOS: 14084
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1369
; LENGTH: 539
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 2, 3, 4, 8, 14, 25, 113, 117, 118, 121, 123, 125, 127, 129,
; LOCATION: 130, 134, 135, 142, 145, 152, 155, 156, 164, 167, 169, 189,
; LOCATION: 190, 201, 202, 211, 238, 239, 270, 271, 292, 295, 302, 303,
; LOCATION: 306, 314, 315, 321, 339, 346, 349, 359, 374, 388, 395
; OTHER INFORMATION: n = A,T,C or G
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 396, 410, 414, 430, 432, 435, 439, 440, 442, 443, 447, 448,
; LOCATION: 453, 473, 476, 480, 482, 486, 487, 493, 495, 500, 501, 510,
; LOCATION: 530
; OTHER INFORMATION: n = A,T,C or G
US-10-198-846-1369

Query Match 3.3%; Score 48.8; DB 9; Length 539;
Best Local Similarity 48.4%; Pred. No. 0.028;
Matches 89; Conservative 0; Mismatches 95; Indels 0; Gaps 0;

QY 1317 TTGTTACACAAGCTCTCTCAAAAGTGTATTATTATTAATTAATCTCTGTTTGGCATTTCT 1376
Db 282 TTTTNTTNTTNTTNTTNTTNTTNTTNTTNTTNTTNTTNTTNTTNTTNTTNTTNTTNTTNT 223
QY 1377 TTGCATCATCAACTTTTCGATTATATCTTCGAGCGATCTCAAGCTTTATTTTACATACCT 1436
Db 222 TTTTNTTNTTNTTNTTNTTNTTNTTNTTNTTNTTNTTNTTNTTNTTNTTNTTNTTNTTNT 163
QY 1437 ATTTATTTTGAACCTTTTGTCATTAAAGTTATATAATAATAATTTATTAATAAAAAA 1496
Db 162 TTTTNTTNTTNTTNTTNTTNTTNTTNTTNTTNTTNTTNTTNTTNTTNTTNTTNTTNTTNT 103
QY 1497 AAAA 1500
Db 102 CAAA 99

RESULT 46
US-09-818-875-4232
; Sequence 4232, Application US/09818875
; Publication No. US20030051270A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/09/818,875
; CURRENT FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 4232
; LENGTH: 121
; TYPE: DNA
; ORGANISM: Homo sapiens
```

US-09-818-875-4232

Query Match 3.2%; Score 48.4; DB 9; Length 121;  
Best Local Similarity 74.4%; Pred. No. 0.014; 21; Indels 0; Gaps 0;  
Matches 61; Conservative 0; Mismatches 21;

QY 618 TGCCTAATGCTCTGGTCTTTATCAAGTACCTACCAAGATGGACTGTGTGTTGTGCT 677  
DB 2 TGCCTCATGCGCCCTGGTGTATCAAGTACCTCCCTCAAGTGGACTGGTGGCTCATCTT 61  
QY 678 GTTGTATCTCGGTTTGGAT 699  
DB 62 GGCTGATTCAGTATAGGT 83

RESULT 47

US-09-818-875-4233/C  
; Sequence 4233, Application US/09818875  
; Publication No. US20030051270A1  
; GENERAL INFORMATION:  
; APPLICANT: Kmiec, Eric B.  
; APPLICANT: Gamper, Howard B.  
; APPLICANT: Rice, Michael C.  
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single  
; TITLE OF INVENTION: Stranded Oligonucleotides  
; FILE REFERENCE: Napro-4  
; CURRENT APPLICATION NUMBER: US/09/818,875  
; CURRENT FILING DATE: 2001-03-27  
; PRIOR FILING DATE: 2001-03-27  
; PRIOR FILING DATE: 2000-03-27  
; PRIOR FILING DATE: 2000-03-27  
; PRIOR FILING DATE: 2000-03-27  
; PRIOR FILING DATE: 2000-06-01  
; PRIOR FILING DATE: 2000-06-01  
; PRIOR FILING DATE: 2000-10-30  
; NUMBER OF SEQ ID NOS: 4385  
; SOFTWARE: Friedman macro Napro4  
; SEQ ID NO 4233  
; LENGTH: 121  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-818-875-4233

Query Match 3.2%; Score 48.4; DB 9; Length 121;  
Best Local Similarity 74.4%; Pred. No. 0.014;  
Matches 61; Conservative 0; Mismatches 21; Indels 0; Gaps 0;

QY 618 TGCCTAATGCTCTGGTCTTTATCAAGTACCTACCAAGATGGACTGTGTGTTGTGCT 677  
DB 120 TGCCTCATGCGCCCTGGTGTATCAAGTACCTCCCTCAAGTGGACTGGTGGCTCATCTT 61  
QY 678 GTTGTATCTCGGTTTGGAT 699  
DB 60 GGCTGATTCAGTATAGGT 39

RESULT 48

US-09-818-875-4144  
; Sequence 4144, Application US/09818875  
; Publication No. US20030051270A1  
; GENERAL INFORMATION:  
; APPLICANT: Kmiec, Eric B.  
; APPLICANT: Gamper, Howard B.  
; APPLICANT: Rice, Michael C.  
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single  
; TITLE OF INVENTION: Stranded Oligonucleotides  
; FILE REFERENCE: Napro-4  
; CURRENT APPLICATION NUMBER: US/09/818,875  
; CURRENT FILING DATE: 2001-03-27  
; PRIOR FILING DATE: 2000-03-27  
; PRIOR FILING DATE: 2000-03-27  
; PRIOR FILING DATE: 2000-10-30  
; NUMBER OF SEQ ID NOS: 4385  
; SOFTWARE: Friedman macro Napro4  
; SEQ ID NO 4144  
; LENGTH: 121  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-818-875-4144

; PRIOR FILING DATE: 2000-03-27  
; PRIOR APPLICATION NUMBER: US 60/208,538  
; PRIOR FILING DATE: 2000-06-01  
; PRIOR APPLICATION NUMBER: US 60/244,989  
; PRIOR FILING DATE: 2000-10-30  
; NUMBER OF SEQ ID NOS: 4385  
; SOFTWARE: Friedman macro Napro4  
; SEQ ID NO 4144  
; LENGTH: 121  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-818-875-4144

Query Match 3.2%; Score 47.6; DB 9; Length 121;  
Best Local Similarity 62.7%; Pred. No. 0.023;  
Matches 74; Conservative 0; Mismatches 44; Indels 0; Gaps 0;

QY 295 GACAGTATCGTTGAGAAGGATTCATGCTCACTTGGAAATGCTCTCGTCATGTTGCGGTG 354  
DB 1 GAGACTGTGGCCGAGAGAGCCCTGCACCTCAATTCGAATGCTGCCATCATGATCAGTGC 60  
QY 355 GTCGTTCTGATGACAGTTCTGCTGATGTTTCTTATAAATACAAAGTTTATAAGCTTA 412  
DB 61 ATTGTTGTCATGACTATCTCTCTGGTGTCTGTATAAATACAGTCTCTATAAGTGA 118

RESULT 49

US-09-818-875-4145/C  
; Sequence 4145, Application US/09818875  
; Publication No. US20030051270A1  
; GENERAL INFORMATION:  
; APPLICANT: Kmiec, Eric B.  
; APPLICANT: Gamper, Howard B.  
; APPLICANT: Rice, Michael C.  
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single  
; TITLE OF INVENTION: Stranded Oligonucleotides  
; FILE REFERENCE: Napro-4  
; CURRENT APPLICATION NUMBER: US/09/818,875  
; CURRENT FILING DATE: 2001-03-27  
; PRIOR FILING DATE: 2001-03-27  
; PRIOR FILING DATE: 2000-03-27  
; PRIOR FILING DATE: 2000-03-27  
; PRIOR FILING DATE: 2000-03-27  
; PRIOR FILING DATE: 2000-03-27  
; PRIOR FILING DATE: 2000-06-01  
; PRIOR FILING DATE: 2000-06-01  
; PRIOR FILING DATE: 2000-10-30  
; NUMBER OF SEQ ID NOS: 4385  
; SOFTWARE: Friedman macro Napro4  
; SEQ ID NO 4145  
; LENGTH: 121  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-818-875-4145

Query Match 3.2%; Score 47.6; DB 9; Length 121;  
Best Local Similarity 62.7%; Pred. No. 0.023;  
Matches 74; Conservative 0; Mismatches 44; Indels 0; Gaps 0;

QY 295 GACAGTATCGTTGAGAAGGATTCATGCTCACTTGGAAATGCTCTCGTCATGTTGCGGTG 354  
DB 121 GAGACTGTGGCCGAGAGAGCCCTGCACCTCAATTCGAATGCTGCCATCATGATCAGTGC 62  
QY 355 GTCGTTCTGATGACAGTTCTGCTGATGTTTCTTATAAATACAAAGTTTATAAGCTTA 412  
DB 61 ATTGTTGTCATGACTATCTCTCTGGTGTCTGTATAAATACAGTCTCTATAAGTGA 4

RESULT 50

US-09-818-875-4256  
; Sequence 4256, Application US/09818875  
; Publication No. US20030051270A1  
; GENERAL INFORMATION:

```

; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; TITLE OF INVENTION: Stranded Oligonucleotides
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/09/818,875
; CURRENT FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 4256
; LENGTH: 121
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-818-875-4256

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	Query Match	3.2%	Score 47.6	DB 9	Length 121
	Best Local Similarity	62.7%	Pred. No. 0.023		
	Matches 74	Conservative 0	Mismatches 44	Indels 0	Gaps 0
QY	677	TGTTTGCTTATCTCGGTTTCGGATCTGGTTCGGCTGTCTACACCAAAAGGACCAATTGAGAT	736		
Db	4	TTATGTTTTCCTTTTCTAGATTAGTGGCTGTTTGTCTCGAAAGGTCACACTTCGTA	63		
QY	737	ATTTGGTGGAACTCCACAGGAGAGAAAGAGGCCAATTTTCGGGGCGCTGATTTATTC	794		
Db	64	TGCTGTTGAAACAGCTCAGGAGAGAAATGAACACGCTTTTTCAGCTCTCATTTACTC	121		

Search completed: July 15, 2003, 07:10:45  
Job time : 491 secs

